

Appln No. 09/211,297
Reply to Office Action of April 14, 2008

PATENT APPLICATION

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-92. (canceled)

93. (new) An antibody or fragment thereof which binds specifically to an epitope on a BB' loop of an osteoprotegerin binding of SEQ ID NO:39, wherein the antibody or fragment thereof inhibits osteoclast formation.

94. (new) The antibody of Claim 93 which is a monoclonal antibody.

95. (new) The antibody of Claim 93 which is a recombinant antibody.

96. (new) The antibody of Claim 93 which is a chimeric or CDR-grafted antibody.

97. (new) The antibody of Claim 93 which is a human antibody.

98. (new) The antibody of Claim 93 which inhibits bone resorption.

99. (new) The antibody of Claim 93 which is raised against a peptide comprising a BB' loop region.

100. (new) A composition comprising the antibody of Claim 93 and a pharmaceutically acceptable diluent, carrier, solubilizer, emulsifier, preservative and/or adjuvant.

101. (new) The antibody of Claim 93 which is produced by expression of a nucleic acid encoding the antibody or fragment in a transformed or transfected host cell.

102. (new) The antibody of Claim 93 which binds to the peptide of SEQ ID NO:32.

Appln No. 09/211,297
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PATENT APPLICATION

103. (new) An antibody or fragment thereof which binds specifically to an epitope on an EF loop of an osteoprotegerin binding of SEQ ID NO:39.